

Message Text

PAGE 01 STATE 086559

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ORIGIN NASA-02

INFO OCT-01 NEA-10 ISO-00 OES-06 L-03 DODE-00 TRSE-00

CCO-00 CIAE-00 OTPE-00 EB-07 FCC-01 INR-07 NSAE-00

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NASA/TN/CATAYLOR (DRAFT)

NASA/ER/HMANNHEIMER (PHONE)

NASA/ER/PTHOME (PHONE)

NASA/G/HSKUPPERMAN (DRAFT)

NASA/I/WGBASTEDO (DRAFT)

NASA/I/AWFRUTKIN

NEA/IRN:BMORTON

L/OES:SBURTON

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FM SECSTATE WASHDC

TO AMEMBASSY TEHRAN IMMEDIATE

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FOR SCIATT CHAPMAN PASS TO NASA MCKEEHAN

E.O. 11652: N/A

TAGS: TSPA

SUBJECT: NASA PORTABLE LANDSAT RECEIVER

REF: (A) TEHRAN 3388, (B) TEHRAN 3447

1. IF SURVEY PROVES SATISFACTORY AND IRAN CHOSEN AS SITE
FOR PORTABLE STATION, NASA PLANS EXCHANGE OF LETTERS WITH
IRANIAN PLANS AND BUDGET ORGANIZATION BETWEEN MR. ARNOLD
W. FRUTKIN, ASSISTANT ADMINISTRATOR FOR INTERNATIONAL
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PAGE 02 STATE 086559

AFFAIRS, AND MINISTER MAJIDI.

2. FOLLOWING IS PRELIMINARY DRAFT TEXT OF SUCH A LETTER
AGREEMENT WHICH MAY BE USED FOR DISCUSSION PURPOSES ONLY.

DETAILS WOULD HAVE TO BE FINALIZED BASED ON RESULTS OF SURVEY AND DISCUSSIONS WITH IRANIAN PLANS AND BUDGET ORGANIZATION.

QUOTE: PURSUANT TO THE SURVEY WHICH WAS CONDUCTED IN APRIL, 1976, NASA WOULD LIKE TO PROCEED WITH THE ESTABLISHMENT OF A TEMPORARY PORTABLE LANDSAT GROUND RECEIVER STATION AT KARAJ (OR OTHER SITE SELECTED). THIS FACILITY WOULD

BE USED TO GATHER LANDSAT SATELLITE DATA IN SUPPORT OF NASA'S LARGE AREA CROP INVENTORY EXPERIMENT (LACIE) WHICH INVOLVES USE OF LANDSAT DATA TO ENHANCE THE TIMELINESS AND ACCURACY OF WORLD-WIDE WHEAT PRODUCTION FORECASTS. NASA HAS PREVIOUSLY GATHERED DATA OF MAJOR WHEAT GROWING REGIONS WITH SATELLITE ON-BOARD TAPE RECORDERS. SUCH RECORDERS, HOWEVER, PROVIDE ONLY LIMITED CAPABILITIES. IN ADDITION, WE HAVE EXPERIENCED SOME FAILURES WITH THE RECORDERS AND AS A RESULT, WE WOULD LIKE TO LOCATE THIS TEMPORARY FACILITY IN IRAN TO INSURE COVERAGE OF THE HIGH PRIORITY AREAS DURING THE GROWING SEASONS.

THE STATION WOULD BE OPERATIONAL FROM ON OR ABOUT JUNE 1976 UNTIL MARCH 1977 WHEN THE EQUIPMENT WOULD BE RETURNED TO THE UNITED STATES FOR REFURBISHMENT AND USE IN SUPPORT OF THE LANDSAT-C MISSION (NOW SCHEDULED FOR LAUNCHING SEPTEMBER 1977).

EQUIPMENT IN THE STATION WOULD CONSIST OF ONE ENCLOSED INSTRUMENTATION VAN WHICH WILL HAVE ELECTRONIC EQUIPMENT, AN ANTENNA FLAT-BED TRAILER, 2 SKID MOUNTED 45 KW DIESEL GENERATORS, AND TWO 20 X 20 PREFAB BUILDINGS. THE VAN WILL CONTAIN ONE SET ANTENNA CONTROLS, BIT SYNCHRONIZER AND MONITOR SYSTEMS, TWO RCA TR-70-CVR-3-E TAPE RECORDERS, ONE DATA AND ONE TRACKING RECEIVER. ANTENNA TRAILER HAS 24 FOOT ANTENNA PEDESTAL AND FEED ASSEMBLY. STATION WILL RECEIVE ONLY AND NOT TRANSMIT. ALL EQUIPMENT WOULD BE LIMITED OFFICIAL USE
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PAGE 03 STATE 086559

AIRLIFTED TO TEHRAN BY USAF MILITARY AIRLIFT COMMAND AIRCRAFT.

IN ORDER TO MEET THE JUNE OPERATING DATE, NASA WOULD LIKE TO BEGIN CONSTRUCTION DURING APRIL 1976. ALL COSTS OF CONSTRUCTING, INSTALLING, EQUIPPING AND OPERATING THE STATION WILL BE BORNE BY NASA.

IT IS UNDERSTOOD THAT TO CARRY OUT THIS PROGRAM THE PLANS AND BUDGET ORGANIZATION WILL USE ITS BEST EFFORTS TO:

A. MAKE AVAILABLE SUITABLE SITE AND RIGHT OF WAYS FOR LOCATION OF STATION AT KARAJ (OR OTHER SITE SELECTED).

B. FACILITATE ADMISSION INTO IRAN OF SUCH U.S. PERSONNEL AS MAY VISIT OR BE ASSIGNED FOR CONSTRUCTION AND OPERATION TO THE STATION.

C. OBTAIN WAIVERS OF LOCAL WORK PERMITS.

D. OBTAIN EXEMPTIONS TO LOCAL SALARY OR RESIDENCE/ DOMICILE TAXES.

E. TAKE WHATEVER MEASURES ARE PRACTICAL TO MAINTAIN FREEDOM FROM HARMFUL RADIO INTERFERENCE, INVESTIGATE ANY INTERFERENCE TO RECEPTION AT THE STATION AND TAKE ALL REASONABLE STEPS TO SECURE THE CESSATION OF SUCH INTERFERENCE.

F. FACILITATE INSTALLATION OF ANY COMMUNICATION LINES, POWER AND WATER REQUIRED AT SITE.

NASA WILL USE ITS BEST EFFORTS TO:

A. CONSTRUCT, INSTALL AND OPERATE PORTABLE RECEIVING STATION EMPLOYING LOCAL SUBCONTRACTORS AND LOCAL LABOR TO THE MAXIMUM EXTENT FEASIBLE. OPTIMUM POSSIBLE USE WILL BE MADE OF LOCAL MATERIALS AND SUPPLIES WHICH MEET NASA'S REQUIRED SPECIFICATIONS.

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PAGE 04 STATE 086559

B. OPERATE STATION FOR EIGHT HOURS EACH DAY, SEVEN DAYS PER WEEK DURING DAYLIGHT HOURS, RECEIVING AND RECORDING REAL-TIME DATA DURING TIME LANDSAT SATELLITE IS IN VIEW. ENVIRONMENTAL CONTROL WILL REQUIRE CONTINUOUS OPERATION OF HEATING, AIR-CONDITION, AND VENTILATING EQUIPMENT.

C. PROVIDE PLANS AND BUDGET ORGANIZATION WITH ONE COMPLETE SET OF 70MM FILM, AFTER PROCESSING IN U.S. OF DATA ACQUIRED BY PORTABLE STATION IN IRAN.

D. PROVIDE APPROXIMATELY SIX (6) NASA CONTRACT PERSONNEL TO OPERATE AND MAINTAIN PORTABLE RECEIVING STATION.

E. UTILIZE DOMESTIC AND INTERNATIONAL TELECOMMUNICATIONS FACILITIES FOR COMMUNICATIONS TO THE UNITED STATES AND TO OTHER TRACKING STATIONS OF NASA.

NASA AND PLANS AND BUDGET ORGANIZATION WILL EACH DESIGNATE A PROJECT MANAGER WHO WILL BE RESPONSIBLE FOR COORDINATING THE AGREED FUNCTIONS AND RESPONSIBILITIES OF

EACH AGENCY WITH RESPECT TO THE OTHERS.

IT IS UNDERSTOOD THAT THIS PROJECT IS EXPERIMENTAL IN CHARACTER AND THEREFORE SUBJECT TO CHANGE IN ACCORDANCE WITH CHANGING TECHNICAL REQUIREMENTS AND OPPORTUNITIES. THEREFORE THE TECHNICAL DETAILS FOR IMPLEMENTING THE PROJECT MAY BE MODIFIED BY MUTUAL AGREEMENT AMONG THE PROJECT MANAGERS. IF THE PROJECT MANAGERS FAIL TO AGREE, PARTICIPATING AGENCIES SHALL RESOLVE THE ISSUE.

PLANS AND BUDGET AND NASA WILL USE THEIR BEST EFFORTS TO ARRANGE FREE CUSTOMS CLEARANCE FOR EQUIPMENT AND TAPES REQUIRED IN THIS PROJECT AND PERSONAL EFFECTS OF ASSIGNED U.S. PERSONNEL. IN THIS REGARD PLANS AND BUDGET ORGANIZATION UNDERSTANDS THE NEED FOR DAILY EXPORT CLEARANCE OF DATA TAPES ONCE STATION BEGINS RECEIVING DATA.

THE DATA, ONCE PROCESSED WILL BE MADE AVAILABLE TO THE USGS FACILITY AT SIOUX FALLS FOR PURCHASE BY THE PUBLIC. RESULTS OF THE LACIE EXPERIMENT WILL BE MADE AVAILABLE TO THE SCIENTIFIC COMMUNITY IN GENERAL THROUGH PUBLIC-LIMITED OFFICIAL USE
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PAGE 05 STATE 086559

TION IN APPROPRIATE JOURNALS OR OTHER ESTABLISHED CHANNELS AS SOON AS POSSIBLE AND CONSISTENT WITH GOOD SCIENTIFIC PRACTICE.

EACH AGENCY MAY RELEASE PUBLIC INFORMATION REGARDING ITS OWN PORTION OF THE PROJECT AS DESIRED AND, INSOFAR AS THE PARTICIPATION OF THE OTHER AGENCY IS CONCERNED, AFTER SUITABLE COORDINATION.

IT IS UNDERSTOOD THAT THE ABILITY OF NASA AND THE PLANS AND BUDGET ORGANIZATION TO CARRY OUT THEIR OBLIGATIONS IS SUBJECT TO THE AVAILABILITY OF APPROPRIATED FUNDS.

IF THE ABOVE ARRANGEMENTS ARE SATISFACTORY, WE PROPOSE THAT THIS LETTER, TOGETHER WITH YOUR AFFIRMATIVE RESPONSE, CONSTITUTE A BASIS FOR PROCEEDING WITH THIS ACTIVITY.
END QUOTE.

3. NOTE: NASA NOT IN POSITION TO SUPPLY DATA IN FORM OF DUPLICATE FR 1928 TAPES. THIS RECORDER NO LONGER IN PRODUCTION AND HENCE CAN NOT BE USED IN THE PORTABLE GROUND STATION. NASA FEELS MOST APPROPRIATE FORM IS PROCESSED 70 MM FILM AS OUTLINED IN DRAFT TEXT. NASA WOULD HOWEVER BE WILLING IN ADDITION TO MAKE A FEW SELECTED COMPUTER COMPATIBLE TAPES AVAILABLE IF DESIRED BY PLANS AND BUDGET ORGANIZATION.

4. WITH REGARD PARA 3 REF B, LOCKHEED WILL MAKE

AVAILABLE TO NASA COPY OF EMI SURVEY OF SITE DONE LAST YEAR. CARNES VERBALLY CONFIRMS THAT NO EMI PROBLEMS FOUND.

5. PROPOSED DRAFT TEXT HAS NOT BEEN REVIEWED BY ALL CONCERNED NASA OFFICES BUT HAS BEEN SEEN BY CODES E, G AND T. IT SHOULD BE MADE CLEAR WHEN TRANSMITTED TO IRANIANS THAT THIS IS ONLY ILLUSTRATIVE OF THE TYPE OF AGREEMENT TO BE SIGNED. IT DOES NOT REPEAT NOT REPRESENT ANY COMMITMENT ON PART OF NASA UNTIL SITE SURVEYS COMPLETED. IT IS OFFERED NOW ONLY ON HOPE THAT IT WILL QUOTE OPEN DOORS UNQUOTE TO SURVEY TEAM AND LET THEM COMPLETE ASSESSMENT OF SITUATION IN IRAN. ALTHOUGH AGREEMENT LIMITED OFFICIAL USE
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PAGE 06 STATE 086559

PHRASED IN TERMS QUOTE BEST EFFORTS UNQUOTE, NASA CAN NOT REPEAT NOT CONSIDER LOCATION IN IRAN UNLESS EXPORT AND IMPORT OF EQUIPMENT, SUPPLIES, TAPES, ASSIGNED U.S. PERSONNEL'S PERSONAL EFFECTS AND SO FORTH CAN BE ON DUTY FREE BASIS. ALSO PROMPT CLEARANCE OF TAPES ON DAILY BASIS AND EXEMPTION FROM LOCAL WORK PERMITS AND SALARY/RESIDENT TAXES ESSENTIAL. AGREEMENT MUST ALSO BE CONCLUDED WITHIN PERIOD OF FEW WEEKS TO ALLOW NASA MEET JUNE OPERATIONAL DATE.

6. PLEASE INFORM MCKEEHAN THAT NASA WISHES COMPLETE IN-DEPTH SURVEY UNDERTAKEN OF PAKISTAN AND THAT HE SHOULD APPROACH IT WITH OPEN MIND PARTICULARLY IF CUSTOMS/SCHEDULE PROBLEMS APPEAR DIFFICULT IN IRAN. FYI: NASA WILLING CONSIDER PAKISTAN EVEN WITHOUT ITALY IF AGREEMENT WITH IRAN APPEARS PROTRACTED OR WE'RE UNABLE TO OBTAIN SUFFICIENT CUSTOMS/TAX ASSURANCES FROM GOI. IRAN OF COURSE REMAINS NUMBER ONE PRIORITY. END FYI

7. MCKEEHAN REPORTS THAT TITLE TO KARAJ SITE NOT CLEAR. HAS TEAM CONSIDERED ANY OTHER LOCATIONS WITHIN IRAN? IS THIS FEASIBLE?

8. WOULD APPRECIATE REPORT AFTER MEETING WITH YAZAYERI ON SUNDAY AND ANY PROGRESS ON COMMUNICATIONS AND CUSTOMS DISCUSSIONS. WOULD ALSO APPRECIATE BRIEF REPORT ON WHAT SITE OFFERS IN WAYS OF POWER, WATER, ROADS ETC...

9. PLEASE HAVE MCKEEHAN CALL BASTEDO AGAIN MONDAY APRIL 12. KISSINGER

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Message Attributes

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